

Annual Report

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



Company Information

Company Name: **ConocoPhillips Alaska Natural Gas Corporation**

Gas STAR Contact: **Shannon Donnelly**

Title **Environmental Coordinator**

Address: **P.O. Box 196105 NSK 61**

City: **Anchorage**

State: **AK**

Zip: **99519**

Phone: **(907) 659-7242**

Fax:

E-mail: **Shannon.Donnelly@conocophillips.com**

Company Information Updated: **No**

Activities Reported

BMP1: Yes BMP2: No BMP3: Yes

Total Methane Emission Reductions Reported This Year: **1,920**

Previous Years' Activities Reported: **No**

Period Covered by Report

From: **01/01/2009**

To: **12/31/2009**

☒ I hereby certify the accuracy of the data contained in this report.

Additional Comments

Annual Report

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



BMP1: Identify and Replace High-Bleed Pneumatic Devices

Current Year Activities

A. Facility/location identifier information:

Beluga River Unit

B. Facility Summary

Number of devices replaced this reporting period: **5 devices**
Percent of system now equipped with low/no-bleed units: **22 %**

C. Cost Summary

Estimated cost per replacement (including equipment and labor): **\$ 5,500**

D. Methane Emissions Reduction

Method Used: **Calculation Using Default**
Data Source: **Not Applicable**
Methane Emissions Reduction: **620 Mcf/year**

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year ☒ Multi-year

If Multi-year: ☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration (BMP 1 has a sunset period of 7 years).
Partner will report this activity annually up to allowed sunset date.

F. Total Value of Gas Saved

Value of Gas Saved: **\$ 4,340**
\$ / Mcf used: **\$ 7.00**

G. Planned Future Activities

Number of high-bleed devices to be replaced next year: **2 devices**

Annual Report

Production Sector

OMB Control No. 2060-0328

Expires 07/31/2011



Previous Years' Activities

Year	Number of Devices Replaced	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

* Total cost of replacements (including equipment and labor)

Additional Comments

Annual Report

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Kuparuk River Unit Well 2A-26

B. Description of PRO

Please specify the technology or practice that was implemented:

Perform reduced emissions completions

Please describe how your company implemented this PRO:

CPAI utilized the drill site test separator to manage gas and produced fluids generated during the post frac flow back of well 2A-26 (instead of flowing the well back to open tankage).

C. Level of Implementation

Other: This technique was used elsewhere in the Kuparuk River Unit, but in other locations it had an underlying permit driver.

D. Methane Emissions Reduction

Methane Emissions Reduction: **1,300 Mcf/year**

Basis for the emissions reduction estimate: **Other**

The volume estimate is the typical volume utilized for estimating flowback events within the operating unit.

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

☒ One-year

☐ Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

Annual Report

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 0

G. Total Value of Gas Saved

Value of Gas Saved: \$ 9,100

\$ / Mcf used: \$ 7.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: CPAI utilizes reduced emission

Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reduction in Gas event (Mcf/yr) emission reductions exceed standard practices.	Reporting Gas event (Mcf/yr) emission reductions exceed standard practices.

* Total cost of practice/activity (including equipment and labor)

Additional Comments

This was a low cost opportunity, as existing drill site equipment was utilized to accomplish the reduced emission flow back. The additional benefits of minimizing venting include reducing safety exposures associated with a potentially hazardous atmosphere and minimizing the operational footprint.

Annual Report

Production Sector

OMB Control No. 2060-0328
Expires 07/31/2011



Additional Accomplishments